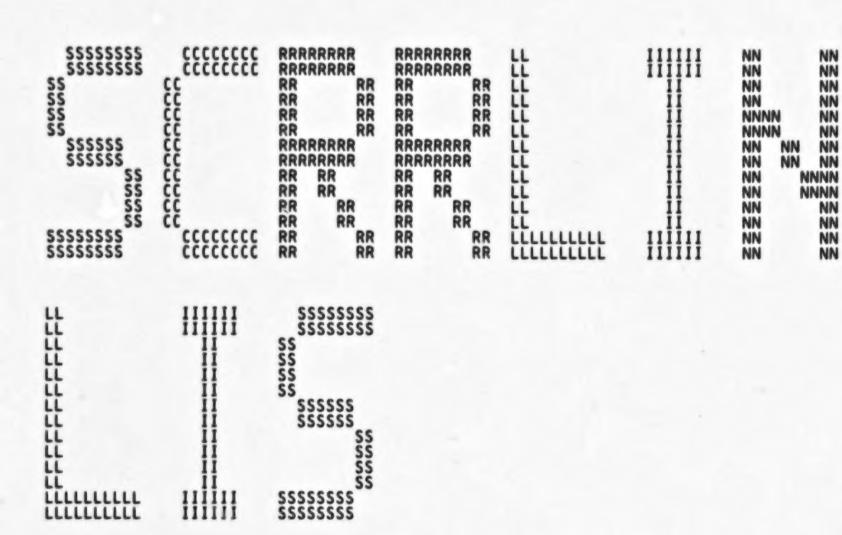
	DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD	111 111 111 111 111 111 111 111
--	--	--

EX

....

....



EDT!

VAX-11 Bliss-32 V4.0-742 Particle Parti

**TITLE 'EDT\$SCRRLIN - refresh a screen line'
MODULE EDT\$SCRRLIN (! Refresh a screen line ! File: SCRRLIN.BLI Edit: REM1034 IDENT = 'V04-000'

BEGIN

.

COPYRIGHT (c) 1978, 1980, 1982, 1984 BY DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS. ALL RIGHTS RESERVED.

THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY TRANSFERRED.

THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT CORPORATION.

DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.

FACILITY: EDT -- The DEC Standard Editor

ABSTRACT:

This module refreshes a single line on the screen.

ENVIRONMENT: Runs at any access mode - AST reentrant

AUTHOR: Bob Kushlis, CREATION DATE: September 8, 1979

MODIFIED BY:

333333333444444444445555555555555

1-001 - Original. DJS 12-Feb-1981. This module was created by extracting the routine EDT\$\$SC RFRELN from module SCREEN.

1-002 - Regularize headers. JBS 13-Mar-1981

1-003 - Change [EOB] to user defined string STS 06-Oct-1981

1-004 - Do an absolute cursor position before writing the blob at end of line, to avoid running off the edge of the screen. Also, show the blob only if the text exceeds the screen width. JBS 02-Apr-1982

1-005 - Show characters all the way to end edge of the screen. JBS 06-Apr-1982

1-006 - Worry about wide characters at the edge of the screen. JBS 15-Apr-1982

1-007 - Continue work on edit 1-006. JBS 16-Apr-1982

1-008 - Always show [EOB] (or whatever text it has been set to) in non-reverse video. JBS 16-Apr-1982

1-009 - Make the edge of the screen logic work on a VT100, which clears its

EBT:

EDTSSCRRLIN VO4-000	EDTSSCRRLIN - refresh a screen line Declarations	F 10 16-Sep-1984 01:42:29 14-Sep-1984 12:24:38	VAX-11 Bliss-32 V4.0-742 Page 3 DISK\$VMSMASTER:[EDT.SRC]SCRRLIN.BLI;1 (2)
93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116	0092 \$SBTTL 'Declarations' 0094 TABLE OF CONTENTS: 0095 0096 0097 REQUIRE 'EDTSRC:TRAROUNAM'; 0536 FORWARD ROUTINE EDTSSC_RFRELN : NOVALUE; 0539 INCLUDE FILES: 0542 INCLUDE FILES: 0543 REQUIRE 'EDTSRC:EDTREQ'; 0680 MACROS: 0681 MACROS: 0682 NONE 0685 EQUATED SYMBOLS: 0686 NONE	14-Sep-1984 12:24:38	DISK\$VMSMASTER: CEDT. SRCJSCRRLIN.BLI; 1 (2)
118 119 120 121 122 123 124	0689 1 OWN STORAGE: 0690 1 0691 1 NONE 0692 1 0693 1 EXTERNAL REFERENCES: 0694 1 0695 1 In the routine		

EDTS VO4

RI EI

```
EDTSSCRRLIN
VO4-000
                                                                                                                                                              VAX-11 Bliss-32 V4.0-742
DISK$VMSMASTER: CEDT. SRCJSCRRLIN.BLI; 1
                             EDT$SCRRLIN - refresh a screen line 16-Sep-1984 01:42:29 EDT$$SC_RFRELN - refresh a line on the screen 14-Sep-1984 12:24:38
                                           *SBTTL 'EDT$$SC_RFRELN - refresh a line on the screen'
     GLOBAL ROUTINE EDT$$SC_RFRELN (
SCRPTR,
ERASED
                                                                                                                                    Refresh a line on the screen address of line info being refreshed 1 = line has been erased
                                                   ) : NOVALUE =
                                               FUNCTIONAL DESCRIPTION:
                                                          This routine refreshes a single line on the screen. It expects EDT$$G_CS_LNO to be the screen line number to be refreshed. This routine operates only on the specified line; it does not clear the screen after an [EOB], for example.
                                               FORMAL PARAMETERS:
                                                 SCRPIR
                                                                                      Pointer to the screen block for the line being refreshed
                                                 ERASED
                                                                                      1 = the line has already been erased
                                               IMPLICIT INPUTS:
                                                         EDT$$G_CS_LNO
EDT$$A_SEL_BUF
EDT$$G_SHF
EDT$$G_TI_WID
EDT$$A_WK_LN
EDT$$A_CUR_TBCB
EDT$$A_CUR_TBCB
EDT$$A_EOB_SCRPTR
EDT$$A_FMT_CUR
EDT$$G_PRV_COL
EDT$$T_FMT_BUF
EDT$$G_INSERT_MODE
                                               IMPLICIT OUTPUTS:
                                                          EDT$$A_FMT_CUR
                                                          EDT$$G_PRV_COL
                                               ROUTINE VALUE:
                                                          NONE
                                               SIDE EFFECTS:
                                                          Writes on the screen.
                                                  BEGIN
                                                  EXTERNAL ROUTINE

EDT$$FMT_CH : NOVALUE,

EDT$$FMT_CHWID,

EDT$$SC_SHWBLOB : NOVALUE,

EDT$$SC_REVIDCHK : NOVALUE,
                                                                                                                                    Output a character
Compute the width of a character
Output a blob
                                                                                                                                  ! Check for reverse video based on select region
```

**F

```
EDTSSCRRLIN - refresh a screen line 16-Sep-1984 01:42:29 EDTSSSC_RFRELN - refresh a line on the screen 14-Sep-1984 12:24:38
EDT$SCRRLIN
                                                                                                                                                                                                                      VAX-11 Bliss-32 V4.0-742 Pa
DISK$VMSMASTER: [EDT. SRC]SCRRLIN.BLI; 1
                                                                             EDT$$SC_NONREVID : NOVALUE,
EDT$$SC_POSCSIF : NOVALUE,
EDT$$SC_ERATOEOL : NOVALUE,
EDT$$SC_ERAALL : NOVALUE,
EDT$$FMT_TEXT : NOVALUE,
EDT$$OUT_FMTBUF,
EDT$$SC_REP_MODE : NOVALUE;
                                                                                                                                                                                    Go to normal video
Position the cursor
Erase to end of line
Erase to end of screen
Print [EOB]
       Output the format buffer
Put the screen in replace mode
                                                                  EXTERNAL

EDT$$A_EOB_SCRPTR : REF SCREEN_LINE,
EDT$$G_CS_ENO,
EDT$$A_SEC_BUF,
EDT$$G_SHF,
EDT$$G_SHF,
EDT$$G_TI_WID,
EDT$$A_WK_LN : REF LIN_BLOCK,
EDT$$A_WK_LN : REF LIN_BLOCK,
EDT$$A_CUR_BUF : REF TBCB_BLOCK,
EDT$$A_CUR_BUF : REF TBCB_BLOCK,
EDT$$A_FMT_CUR,
EDT$$A_FMT_CUR,
EDT$$A_FMT_CUR,
EDT$$A_FMT_BUF : BLOCK [CH$ALLOCATION (EDT$$K_FMT_BUFLEN)],
EDT$$G_PRY_COL,
EDT$$G_INSERT_MODE;

I = screen is in insert mode
                                                                    MAP
                                                                              SCRPTR : REF SCREEN_LINE;
                                                                 TXTPTR,
ORIG_TXTPTR,
                                       0778
0779
0780
0781
                                                                             LEN,
CHAR,
CHAR WIDTH,
                                                                              LEFT
                                                                             FIRST_CHAR,
WIDTH,
SIMPLE_CHAR,
MAXPOS;
                                      0789
0790
0791
0792
0793
0794
0795
0796
0797
0798
0803
0804
0805
0806
0807
0808
                                                               Make sure we are in replace mode.
                                                                     IF (.EDT$$G_INSERT_MODE NEQ 0) THEN EDT$$SC_REP_MODE ();
                                                               Check for EOB.
                                                                    IF (.SCRPTR EQLA .EDT$$A_EOB_SCRPTR)
THEN
                                                                             BEGIN
EDT$$SC_POSCSIF (.EDT$$G_CS_LNO, 0);
EDT$$SC_NONREVID ();
EDT$$FMT_TEXT (0);
                                                                               IF (( NOT .ERASED) AND (.SCRPTR [SCR_EDIT_MAXPOS] EQL 255))
THEN ! If not erased and not at end of the line,
```

```
EDT$SCRRLIN
VO4-000
                        EDT$SCRRLIN - refresh a screen line 16-Sep-1984 01:42:29 EDT$$SC_RFRELN - refresh a line on the screen 14-Sep-1984 12:24:38
                                                                                                                                     VAX-11 Bliss-32 V4.0-742
DISKSVMSMASTER: [EDT. SRC]SCRRLIN.BLI;1
                                                      BEGIN
EDT$$SC_POSCSIF (.EDT$$G_CS_LNO, MAX (0, .EDT$$G_FMT_LNPOS - .EDT$$G_SHF));
EDT$$SC_ERATOEOL ()

! erase any extra characters that may have been left on the screen's line.
    END:
                                       Mark the line as finished with its edit.
                                                SCRPTR [SCR_EDIT_MINPOS] = 255;
SCRPTR [SCR_EDIT_MAXPOS] = 0;
SCRPTR [SCR_EDIT_FLAGS] = .SCRPTR [SCR_EDIT_FLAGS] AND ( NOT (SCR_EDIT_MODIFY OR SCR_EDIT_INSLN));
                                                 RETURN;
                                                END:
                                       Not EOB. Position to the first character to be updated in the line,
                                       keeping track of the screen column which it will occupy.
                                          WIDTH = .EDT$$G_TI_WID + .EDT$$G_SHF;
LEFT = .SCRPTR [SCR_CHR_FROM];
LEN = MIN (.SCRPTR [SCR_CHR_TO] + 1, .EDT$$A_WK_LN [LIN_LENGTH]) - .LEFT;
TXTPTR = CH$PLUS (EDT$$A_WK_LN [LIN_TEXT], .[EFT);
ORIG_TXTPTR = .TXTPTR;
EDT$$G_FMT_LNPOS = 0;
CHAR = CH$RCHAR_A (TXTPTR);
                                           IF ((.CHAR GEQ %X'20') AND (.CHAR LEQ %X'7E'))
                                           THEN
                                                BEGIN
                                                CHAR WIDTH = 1;
SIMPCE_CHAR = 1;
                                                END
                                          ELSE
                                                BEGIN
                                                CHAR_WIDTH = EDT$$FMT_CHWID (.CHAR, .EDT$$G_FMT_LNPOS);
SIMPLE_CHAR = 0;
                                       Skip over unmodified characters on this line.
                                          WHILE (((.TXTPTR - .ORIG_TXTPTR) LEQ .SCRPTR [SCR_EDIT_MINPOS]) AND (.LEN GTR 0) AND (.EDT$$G_FMT_LNPOS LSS (.WIDTH - .CHAR_WIDTH - 1))) DO
                                                BEGIN
                                       Account for the blob at the front of continued lines.
                                                 IF ((.EDT$$G_FMT_LNPOS EQL 0) AND (.SCRPTR [SCR_LINE_IDX] NEQ 0))
                                                 THEN
                                                      BEGIN
                                       Adjust for the blob at the front of a continued line. This code requires
                                       that the shift amount always be a multiple of 8, so that shifting doesn't
```

EDTS

```
EDT$SCRRLIN - refresh a screen line 16-Sep-1984 01:42:29 EDT$$SC_RFRELN - refresh a line on the screen 14-Sep-1984 12:24:38
EDT$SCRRLIN
V04-000
                                                                                                                    VAX-11 Bliss-32 V4.0-742 Page DISK$VMSMASTER: [EDT. SRC]SCRRLIN.BLI;1
   ! change tab stops.
                                               EDT$$G_FMT_LNPOS = .EDT$$G_SHF + 2;
                                                IF (.CHAR EQL ASC_K_TAB)
                                                     BEGIN
                                                     CHAR_WIDTH = . CHAR_WIDTH - 2;
                                                     ASSERT (.CHAR_WIDTH EQL 6);
                                                     END:
                                               END:
                                          EDT$$G_FMT_LNPOS = .EDT$$G_FMT_LNPOS + .CHAR_WIDTH;

LEN = .LEN - 1;

CHAR = CH$RCHAR_A (TXTPTR);
                                           IF ((.CHAR GEQ %x'20') AND (.CHAR LEQ %x'7E'))
                                          THEN
                                               BEGIN
                                               CHAR WIDTH = 1;
SIMPLE CHAR = 1;
                                               END
                                          ELSE
                                                CHAR_WIDTH = EDT$$FMT_CHWID (.CHAR, .EDT$$G_FMT_LNPOS);
                                               SIMPLE_CHAR = 0;
                                               END:
                                          END:
                     0899
0900
0901
0902
0903
0904
0905
0906
0907
0908
0909
0911
0913
0914
0916
0917
0918
0919
0921
                                  Put the characters into the format buffer.
                                     FIRST_CHAR = 1:
                                  If this is a continued line, indicate this at the front of the line.
                                     IF ((.SCRPTR [SCR_LINE_IDX] NEQ 0) AND (.EDT$$G_FMT_LNPOS EQL 0))
                                     THEN
                                          EDT$$G_FMT_LNPOS = .EDT$$G_SHF;
EDT$$SC_POSCSIF (.EDT$$G_CS_LNO, .EDT$$G_FMT_LNPOS - .EDT$$G_SHF);
                                          FIRST_CHAR = 0;
                                          IF (.EDT$$A_SEL_BUF EQL .EDT$$A_CUR_BUF)
                                               EDT$$SC_REVIDCHK (CH$DIFF (.TXTPTR, CH$PTR (EDT$$A_WK_LN [LIN_TEXT])) - 1);
                                          EDT$$SC_SHWBLOB ();
EDT$$FMT_CH (%C' ');
                                           IF (.CHAR EQL ASC_K_TAB)
                                           THEN
                                               CHAR_WIDTH = . CHAR_WIDTH - 2;
```

EDTI VO4

```
EDT$SCRRLIN - refresh a screen line 16-Sep-1984 01:42:29 EDT$$SC_RFRELN - refresh a line on the screen 14-Sep-1984 12:24:38
EDT$SCRRLIN
V04-000
                                                                                                                 VAX-11 Bliss-32 V4.0-742
DISK$VMSMASTER: [EDT.SRC]SCRRLIN.BLI;1
                                              ASSERT (.CHAR_WIDTH EQL 6);
   END:
                                    MAXPOS = .SCRPTR [SCR_EDIT_MAXPOS];
                                 This is the loop that actually puts characters into the format buffer for output to the screen. The time around this loop is critical to EDT's performance in screen mode.
                                    WHILE ((.LEN GTR 0) AND (.EDTSSG_FMT_LNPOS LSS (.WIDTH - .CHAR_WIDTH)) AND ! ((.TXTPTR - .ORIG_TXTPTR - 1) LEQ .MAXPOS)) DO
                                         BEGIN
                                         IF (.EDT$$A_SEL_BUF EQL .EDT$$A_CUR_BUF)
                     0940
0941
0942
0943
                                         THEN
                                              EDT$$SC_REVIDCHK (CH$DIFF (.TXTPTR, CH$PTR (EDT$$A_WK_LN [LIN_TEXT])) - 1);
                                         IF (.EDT$$G_FMT_LNPOS GEQ .EDT$$G_SHF)
                                         THEN
                                              BEGIN
                     0946
0947
0948
0949
                                              IF .FIRST_CHAR
                                              THEN
                                                   BEGIN
                                                    EDT$$SC_POSCSIF (.EDT$$G_CS_LNO, .EDT$$G_FMT_LNPOS - .EDT$$G_SHF);
                                                   FIRST_CHAR = 0;
                                 Put the character in the format buffer.
                                 Do simple characters in-line; call EDT$$FMT_CH for complex characters.
                    0957
0958
0959
0960
0961
0962
                                              IF .SIMPLE_CHAR THEN
                                                   EDT$$G_FMT_LNPOS = .EDT$$G_FMT_LNPOS + 1;
                                                    IF (.EDT$$A_FMT_CUR EQLA CH$PTR (EDT$$T_FMT_BUF, EDT$$K_FMT_BUFLEN))
                                                        BEGIN
                                 We have reached the end of the buffer; empty it.
                                                        LOCAL
                                                              SAV_LNPOS;
                                                        SAV_LNPOS = .EDT$$G_FMT_LNPOS;
EDT$$OUT_FMTBUF ();
                                                         EDT$$G_FMT_LNPOS = .SAV_LNPOS;
                                                   CHSWCHAR_A (.CHAR, EDT$$A_FMT_CUR);
```

EDT!

```
EDTSSCRRLIN
VO4-000
                    EDTSSCRRLIN - refresh a screen line 16-Sep-1984 01:42:29 EDTSSSC_RFRELN - refresh a line on the screen 14-Sep-1984 12:24:38
                                                                                                              VAX-11 Bliss-32 V4.0-742 Pa
DISKSVMSMASTER:[EDT.SRC]SCRRLIN.BLI;1
                    0981
0982
0983
0984
0985
0986
0988
0998
0991
0992
0993
0996
0997
0998
                                                  IF (.EDT$$G_PRV_COL NEQ (.EDT$$G_TI_WID - 1)) THEN EDT$$G_PRV_COL = .EDT$$G_PRV_COL + 1;
   END
                                             ELSE
                                                  EDT$$FMT_CH (.CHAR);
                                             END
                                        ELSE
                                             EDT$$G_FMT_LNPOS = .EDT$$G_FMT_LNPOS + .CHAR_WIDTH;
                                        LEN = .LEN - 1;
CHAR = CH$RCHAR_A (TXTPTR);
                                        IF ((.CHAR GEQ %x'20') AND (.CHAR LEQ %x'7E'))
                                        THEN
                                             BEGIN
                                             CHAR WIDTH = 1;
SIMPLE CHAR = 1;
                                        ELSE
                    1001
1002
1003
                                             BEGIN
                                             CHAR_WIDTH = EDT$$FMT_CHWID (.CHAR, .EDT$$G_FMT_LNPOS);
                                             SIMPEE_CHAR = 0;
                    1004
1005
1006
                                             END:
                                        END:
                    1007
                    1008
                    1009
                                If we have not finished the line, it may be because the line won't fit on the screen.
                    1010
                                Since the loop above stops one column short of the right edge of the screen, there
                    1011
                                may be just room for one more character; if so, put it out. If not, put a blob in the
                    1012
1013
1014
1015
1016
1017
1018
1019
1020
1021
1023
1024
1025
1026
1027
1028
1029
1030
                                last column.
                                   IF ((.LEN GTR 0) AND ((.TXTPTR - .ORIG_TXTPTR - 1) LEQ .MAXPOS))
                                   THEN
                                        BEGIN
                                        IF ((.LEN EQL 1) AND (.EDT$$G_FMT_LNPOS EQL (.WIDTH - .CHAR_WIDTH)) AND
                                             (.EDT$$G_FMT_LNPOS GEQ .EDT$$G_SHF))
                                        THEN
                                             BEGIN
                                             IF (.EDT$$A_SEL_BUF EQL .EDT$$A_CUR_BUF)
                                                  EDT$$SC_REVIDCHK (CH$DIFF (.TXTPTR, CH$PTR (EDT$$A_WK_LN [LIN_TEXT])) - 1);
                                                .FIRST_CHAR
                                             THEN
                                                  EDT$$SC_POSCSIF (.EDT$$G_CS_LNO, .EDT$$G_FMT_LNPOS - .EDT$$G_SHF);
                                                  FIRST_CHAR = 0;
                                                  END:
                                             EDT$$FMT_CH (,CHAR);
                                             LEN = .LEN - 1;
```

EDTS

```
EDT$SCRRLIN - refresh a screen line 16-Sep-1984 01:42:29 EDT$$SC_RFRELN - refresh a line on the screen 14-Sep-1984 12:24:38
EDT$SCRRLIN
V04-000
                                                                                                                               VAX-11 Bliss-32 V4.0-742 PEDISKSVMSMASTER: [EDT. SRC]SCRRLIN.BLI; 1
                                              ELSE
    BEGIN
                                                    IF (( NOT .ERASED) AND (.SCRPTR [SCR_EDIT_MAXPOS] EQL 255))
                                                         BEGIN
EDT$$SC_POSCSIF (.EDT$$G_CS_LNO, MAX (0, .EDT$$G_FMT_LNPOS - .EDT$$G_SHF));
EDT$$SC_ERATOEOL ();
                                     If there is room left on the line, it may be that we have printed no characters. Therefore, print a space to be sure that the VI100's autowrap flag is not set.
                                                    IF (.EDT$$G_FMT_LNPOS LSS (.EDT$$G_TI_WID - 1)) THEN EDT$$FMT_CH (%C' ');
                                                    EDT$$SC_POSCSIF (.EDT$$G_CS_LNO, .EDT$$G_TI_WID - 1);
EDT$$SC_SHWBLOB ();
                                                    END:
                       1058
                       1059
                                              END
                       1060
1061
1062
1063
1064
1065
1066
1067
1068
1069
1070
                                     Throw in an erase to end of line sequence if we have painted as close as we can to the right margin.
                                     Suppress the sequence if we have just put a character at the right margin or if the line is already erased
                                        ELSE
                                              IF (( NOT .ERASED) AND (.SCRPTR [SCR_EDIT_MAXPOS] EQL 255))
                                              THEN
                                                    BEGIN
                                                    IF .FIRST_CHAR THEN EDT$$SC_POSCSIF (.EDT$$G_CS_LNO, MAX (O, .EDT$$G_FMT_LNPOS - .EDT$$G_SHF));
                       1072
                                                    EDT$$SC_ERATOEOL ();
                                                    END:
                       1074
                       1075
1076
1077
                                   ! Mark the line as finished with its edit.
                                        SCRPTR [SCR_EDIT_MINPOS] = MIN (.SCRPTR [SCR_CHR_TO] - .SCRPTR [SCR_CHR_FROM] + 1, 255);
SCRPTR [SCR_EDIT_MAXPOS] = 0;
SCRPTR [SCR_EDIT_FLAGS] = .SCRPTR [SCR_EDIT_FLAGS] AND ( NOT (SCR_EDIT_MODIFY OR SCR_EDIT_INSLN));
                       1078
                       1080
                                                                                                        ! of routine EDT$$SC_RFRELN
                                        END:
                                                                                                                      EDT$SCRRLIN EDT$SCRRLIN - refresh a screen line
                                                                                                           .TITLE
                                                                                                                      \V04-000\
                                                                                                           _ IDENT
                                                                                                                      EDT$$FMT_CH, EDT$$FMT_CHWID
EDT$$SC_SHWBLOB
EDT$$SC_REVIDCHK
EDT$$SC_NONREVID
EDT$$SC_POSCSIF
EDT$$SC_ERATOEOL
EDT$$SC_ERAALL, EDT$$FMT_TEXT
EDT$$OUT_FMTBUF
                                                                                                           EXTRN
                                                                                                           .EXTRN
                                                                                                            EXTRN
                                                                                                           .EXTRN
                                                                                                            EXTRN
                                                                                                            .EXTRN
                                                                                                           .EXTRN
```

EDTS VO4-

CMPZV BLSS TSTL

BLEQ

SUBL 3

TXTPTR, RO

CHAR_WIDTH, WIDTH, RO

52 08

53

50

50

08

50

EDT:

0854

0855

00

000000006

52

50

50

OOFB

MOVZBL

CHAR WIDTH, WIDTH, RO

ORIG TXTPTR, TXTPTR, RO

EDTSSG_FMT_LNPOS. RO

TSTL BGTR

BRW

SUBL 3

SUBL 3

CMPL BGEQ EDTS

0929

0936

TSTL BGTR BRW

SUBL 3

DECL

ORIG_TXTPTR, TXTPTR, RO

OODB

52

50

EDT VO4

0A 09

003AA

MOVZBL MOVZBL SUBL 2 EDT VO4

EDT\$SCRRLIN - refresh a screen line v04-000 EDT\$\$CRRLIN - refresh a line on the screen 14-sep-1984 01:42:29 VAX-11 Bliss-32 V4.0-742 Page 15 V04-000 V

EDT:

; Routine Size: 975 bytes, Routine Base: _EDT\$CODE + 0000

512 1082 1 513 1083 1 !<BLF/PAGE>

Name

Bytes

Attributes

_EDT\$CODE

975 NOVEC, NOWRT, RD , EXE, SHR, LCL, REL, CON, PIC, ALIGN(2)

Library Statistics

File	Total	Symbols Loaded	Percent	Pages Mapped	Processing Time
\$255\$DUA28:[EDT.SRC]EDT.L32:1 _\$255\$DUA28:[EDT.SRC]PSECTS.L32:1	377	48	12	40	00:00.2

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD, INITIAL, OPTIMIZE)/NOTRACEBACK/LIS=LIS\$:SCRRLIN/OBJ=OBJ\$:SCRRLIN MSRC\$:SCRRLIN.BLI/UPDATE=(ENH\$:SCRRLIN

Size: 975 code + 0 data bytes Run Time: 00:36.5

Run Time: 00:36.5 Elapsed Time: 00:43.0 Lines/CPU Min: 1787

: Lexemes/CPU-Min: 7088 : Memory Used: 246 pages : Compilation Complete 0139 AH-BT13A-SE

DIGITAL EQUIPMENT CORPORATION CONFIDENTIAL AND PROPRIETARY

